according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656 date of compilation: 04.04.2016 Version: **4.0 en**

Revision: 04.03.2024

Replaces version of: 02.08.2022

Version: (3)

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

Product identifier 1.1

Identification of the substance Dipropylene glycol monomethyl ether ≥98 %,

pure

Article number 7656

Registration number (REACH) 01-2119450011-60-xxxx

EC number 252-104-2 CAS number 34590-94-8

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Laboratory chemical

Laboratory and analytical use

Uses advised against: Do not use for private purposes (household).

Food, drink and animal feedingstuffs.

1.3 Details of the supplier of the safety data sheet

> Carl Roth GmbH + Co. KG Schoemperlenstr. 3-5 D-76185 Karlsruhe Germany

Telephone:+49 (0) 721 - 56 06 0 **Telefax:** +49 (0) 721 - 56 06 149 e-mail: sicherheit@carlroth.de Website: www.carlroth.de

Competent person responsible for the safety data Department Health, Safety and Environment

sheet:

sicherheit@carlroth.de e-mail (competent person):

Emergency telephone number 1.4

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

This substance does not meet the criteria for classification in accordance with Regulation No 1272/ 2008/EC.

2.2 **Label elements**

Labelling according to Regulation (EC) No 1272/2008 (CLP)

not required

2.3 Other hazards

This material is combustible, but will not ignite readily.

Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

Page 1 / 14 Malta (en)

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0.1\%$.

SECTION 3: Composition/information on ingredients

3.1 Substances

Name of substance Dipropylene glycol monomethyl ether

Molecular formula ${\rm C_7H_{16}O_3}$ Molar mass ${\rm 148,2\,^9f_{mol}}$

REACH Reg. No 01-2119450011-60-xxxx

CAS No 34590-94-8 EC No 252-104-2

SECTION 4: First aid measures

4.1 Description of first aid measures



General notes

Take off contaminated clothing.

Following inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

Following skin contact

Rinse skin with water/shower. In all cases of doubt, or when symptoms persist, seek medical advice.

Following eye contact

Rinse cautiously with water for several minutes. In all cases of doubt, or when symptoms persist, seek medical advice.

Following ingestion

Rinse mouth. Call a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Headache, Vertigo, Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

none

Malta (en) Page 2 / 14

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656

SECTION 5: Firefighting measures

5.1 Extinguishing media



Suitable extinguishing media

co-ordinate firefighting measures to the fire surroundings! water spray, alcohol resistant foam, dry extinguishing powder, BC-powder, carbon dioxide (CO₂)

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Combustible. Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Hazardous combustion products

In case of fire may be liberated: Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures



For non-emergency personnel

No special measures are necessary.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

Malta (en) Page 3 / 14

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656

SECTION 7: Handling and storage

Precautions for safe handling

Provision of sufficient ventilation.

Measures to prevent fire as well as aerosol and dust generation



Keep away from sources of ignition - No smoking.

Advice on general occupational hygiene

Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed.

Incompatible substances or mixtures

Observe hints for combined storage.

Consideration of other advice:

Specific designs for storage rooms or vessels

Recommended storage temperature: 15 – 25 °C

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 **Control parameters**

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

| Cou ntr y | Name of agent | CAS No | Identi- fier | TW A [pp m] | TWA [mg/ m³] | STE L [pp m] | STEL [mg/ m³] | Ceil ing- C [pp m] | Ceil- ing-C [mg/ m³] | Nota- tion | Source |
|-----------------|--------------------------------------|----------------|-----------------|----------------------|--------------------|-----------------------|---------------------|--------------------------------|-------------------------------|---------------|----------------|
| EU | (2-methoxymethyl- ethoxy)propanol | 34590- 94-8 | IOELV | 50 | 308 | | | | | Н | 2000/39/ EC |
| MT | (2-methoxymethyl- ethoxy)propanol | 34590- 94-8 | OELV | 50 | 308 | | | | | П | CAP. 424 |

Notation

Ceiling-C Ceiling value is a limit value above which exposure should not occur

H STEL

TWA

Absorbed through the skin
Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15minute period (unless otherwise specified)
Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Malta (en) Page 4 / 14

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656

Human health values

| Relevant DNELs and other threshold levels | | | | | | |
|---|-----------------------|------------------------------------|-------------------|----------------------------|--|--|
| Endpoint | Threshold level | Protection goal, route of exposure | Used in | Exposure time | | |
| DNEL | 308 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects | | |
| DNEL | 283 mg/kg bw/ day | human, dermal | worker (industry) | chronic - systemic effects | | |

Environmental values

| Relevant PNECs and other threshold levels | | | | | | |
|---|------------------------------------|-----------------------|---------------------------------|------------------------------|--|--|
| End- point | Threshold level | Organism | Environmental com- partment | Exposure time | | |
| PNEC | 19 ^{mg} / _l | aquatic organisms | freshwater | short-term (single instance) | | |
| PNEC | 1,9 ^{mg} / _l | aquatic organisms | marine water | short-term (single instance) | | |
| PNEC | 4.168 ^{mg} / _l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) | | |
| PNEC | 70,2 ^{mg} / _{kg} | aquatic organisms | freshwater sediment | short-term (single instance) | | |
| PNEC | 7,02 ^{mg} / _{kg} | aquatic organisms | marine sediment | short-term (single instance) | | |
| PNEC | 2,74 ^{mg} / _{kg} | terrestrial organisms | soil | short-term (single instance) | | |

8.2 Exposure controls

Individual protection measures (personal protective equipment)

Eye/face protection





Use safety goggle with side protection.

Skin protection





hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374.

• type of material

NBR (Nitrile rubber)

material thickness

0,4 mm

• breakthrough times of the glove material

>480 minutes (permeation: level 6)

Malta (en) Page 5 / 14

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU

ROTH

Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656

other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

Respiratory protection





Respiratory protection necessary at: Aerosol or mist formation. Type: A (against organic gases and vapours with a boiling point of > 65 °C , colour code: Brown).

Environmental exposure controls

Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state liquid

Colour colourless
Odour like ether

Melting point/freezing point -83 °C at 1.013 hPa

Boiling point or initial boiling point and boiling

range

Flammability this material is combustible, but will not ignite

readily

190 °C at 1.013 hPa (ECHA)

Lower and upper explosion limit 1,1 vol% (LEL) - 14 vol% (UEL)

Flash point 75 °C at 1.013 hPa (ECHA)

Auto-ignition temperature 207 °C at 1.013 hPa (ECHA)

Decomposition temperature not relevant

pH (value) 6 – 7 (in aqueous solution: 200 ^g/_l, 20 °C)

Kinematic viscosity 3,82 ^{mm²}/_s at 25 °C

Dynamic viscosity 3,7 mPa s at 25 °C

Solubility(ies)

Water solubility $1 \, {}^{g}/_{l}$ at 25 °C (ECHA)

Partition coefficient

Partition coefficient n-octanol/water (log value): 0,004 (25 °C) (ECHA)

Vapour pressure 0,48 hPa at 25 °C

Density and/or relative density

Density $0.95 \, {}^{9}/_{cm^3}$ at 25 °C (ECHA)

Malta (en) Page 6 / 14

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656

Relative vapour density 5,11 (air = 1)

Particle characteristics not relevant (liquid)

Other safety parameters

Oxidising properties none

9.2 Other information

Information with regard to physical hazard

classes:

hazard classes acc. to GHS (physical hazards): not relevant

Other safety characteristics:

Surface tension $28.8 \,^{\text{mN}}/_{\text{m}} (25 \,^{\circ}\text{C}) \text{ (ECHA)}$

Temperature class (EU, acc. to ATEX) T3

Maximum permissible surface temperature on

the equipment: 200°C

SECTION 10: Stability and reactivity

10.1 Reactivity

This material is not reactive under normal ambient conditions.

If heated

Vapours may form explosive mixtures with air.

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

Violent reaction with: strong oxidiser

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

Rubber articles, different plastics

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Classification according to GHS (1272/2008/EC, CLP)

This substance does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

Acute toxicity

Shall not be classified as acutely toxic.

Malta (en) Page 7 / 14

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656

| Acute toxicity | | | | | | | |
|----------------|----------|--------------------------------------|---------|--------|--------|--|--|
| Exposure route | Endpoint | Value | Species | Method | Source | | |
| oral | LD50 | >5.000 ^{mg} / _{kg} | rat | | ECHA | | |
| dermal | LD50 | 9.510 ^{mg} / _{kg} | rabbit | | ECHA | | |

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Symptoms related to the physical, chemical and toxicological characteristics

If swallowed

Data are not available.

• If in eyes

Data are not available.

• If inhaled

vertigo, headache

• If on skin

Frequently or prolonged contact with skin may cause dermal irritation

Other information

Other adverse effects: Dizziness, Narcosis

11.2 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of \geq 0,1%.

11.3 Information on other hazards

There is no additional information.

Malta (en) Page 8 / 14

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656

SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute)

| Endpoint | Value | Species | Source | Exposure time |
|----------|-------------------------------------|---------|--------|------------------|
| LC50 | >1.000 ^{mg} / _l | fish | ECHA | 96 h |
| ErC50 | >969 ^{mg} / _I | algae | ECHA | 72 h |

Aquatic toxicity (chronic)

| Endpoint | Value | Species | Source | Exposure time |
|----------|-------------------------------------|-----------------------|--------|------------------|
| LC50 | >1.000 ^{mg} / _l | aquatic invertebrates | ECHA | 24 h |

12.2 Persistence and degradability

Theoretical Oxygen Demand: 2,051 ^{mg}/_{mg} Theoretical Carbon Dioxide: 2,079 ^{mg}/_{mg}

Biodegradation

The substance is readily biodegradable.

Process of degradability

| Process | Degradation rate | Time | | |
|---------------------------|------------------|------|--|--|
| biotic/abiotic | 96 % | 28 d | | |
| oxygen depletion | 75 % | 10 d | | |
| DOC removal | 96 % | 28 d | | |
| carbon dioxide generation | 76 % | 28 d | | |

12.3 Bioaccumulative potential

Does not significantly accumulate in organisms.

| n-octanol/water (log KOW) | 0,004 (25 °C) (ECHA) |
|---------------------------|----------------------|
|---------------------------|----------------------|

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of \geq 0,1%.

12.7 Other adverse effects

Data are not available.

Malta (en) Page 9 / 14

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656

SECTION 13: Disposal considerations

13.1 Waste treatment methods



Consult the appropriate local waste disposal expert about waste disposal.

Sewage disposal-relevant information

Do not empty into drains.

Waste treatment of containers/packagings

Handle contaminated packages in the same way as the substance itself. Completely emptied packages can be recycled.

13.2 Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions. Non-contaminated packages may be recycled.

SECTION 14: Transport information

| 14.1 | UN number or ID number | not subject to transport regulations |
|------|------------------------|--------------------------------------|
|------|------------------------|--------------------------------------|

14.2 UN proper shipping name not assigned

14.3 Transport hazard class(es) none

14.4 Packing group not assigned

14.5 Environmental hazards non-environmentally hazardous acc. to the dan-

gerous goods regulátions

14.6 Special precautions for user

There is no additional information.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

14.8 Information for each of the UN Model Regulations

International Maritime Dangerous Goods Code (IMDG) - Additional informationNot subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Not subject to ICAO-IATA.

Malta (en) Page 10 / 14

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant provisions of the European Union (EU)

Restrictions according to REACH, Annex XVII

not listed

List of substances subject to authorisation (REACH, Annex XIV)/SVHC - candidate list Not listed.

Seveso Directive

No Dangerous substance/hazard categories Qualifying quantity (tonnes) for the application of lower and upper-tier requirements

not assigned

Deco-Paint Directive

| VOC content | 100 % |
|-------------|---------------------------------|
| VOC content | 950 ^g / _l |

Industrial Emissions Directive (IED)

| VOC content | 100 % |
|-------------|---------------------------------|
| VOC content | 950 ^g / _l |

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

not listed

Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

not listed

Water Framework Directive (WFD)

not listed

Regulation on the marketing and use of explosives precursors

not listed

Regulation on drug precursors

not listed

Regulation on substances that deplete the ozone layer (ODS)

not listed

Regulation concerning the export and import of hazardous chemicals (PIC)

not listed

Regulation on persistent organic pollutants (POP)

not listed

Malta (en) Page 11 / 14

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656

Other information

Directive 94/33/EC on the protection of young people at work. Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

National inventories

| Country | Inventory | Status |
|---------|------------|------------------------------|
| AU | AIIC | substance is listed |
| CA | DSL | substance is listed |
| CN | IECSC | substance is listed |
| EU | ECSI | substance is listed |
| EU | REACH Reg. | substance is listed |
| JP | CSCL-ENCS | substance is listed |
| KR | KECI | substance is listed |
| MX | INSQ | substance is listed |
| NZ | NZIoC | substance is listed |
| PH | PICCS | substance is listed |
| TR | CICR | substance is listed |
| TW | TCSI | substance is listed |
| US | TSCA | substance is listed (ACTIVE) |
| VN | NCI | substance is listed |

Legend

Australian Inventory of Industrial Chemicals
Chemical Inventory and Control Regulation
List of Existing and New Chemical Substances (CSCL-ENCS)
Domestic Substances List (DSL)
EC Substance Inventory (EINECS, ELINCS, NLP)
Inventory of Existing Chemical Substances Produced or Imported in China
National Inventory of Chemical Substances
Korea Existing Chemicals Inventory AIIC CICR CSCL-ENCS DSL ECSI

IECSC

INSQ

KECI Korea Existing Chemicals Inventory
NCI National Chemical Inventory
NZIOC New Zealand Inventory of Chemicals
PICCS Philippine Inventory of Chemicals and Chemical Substances (PICCS)
REACH Reg. REACH registered substances

Taiwan Chemical Substance Inventory **TCSI**

TSCA Toxic Substance Control Act

15.2 Chemical safety assessment

According to REACH, Article 14 (1) a chemical safety assessment has been carried out for this substance or components of this mixture when the substance has been registered in quantities of 10 tonnes or more per year per registrant.

SECTION 16: Other information

Indication of changes (revised safety data sheet)

Page 12 / 14 Malta (en)

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656

| Section | Former entry (text/value) | Actual entry (text/value) | Safety- relev- ant |
|---------|--|--|--------------------------|
| 2.3 | | Endocrine disrupting properties: Does not contain an endocrine disruptor (ED) at a concentration of ≥ 0,1%. | yes |
| 14.8 | Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional information: Not subject to ADR, RID and ADN. | | yes |
| 15.1 | VOC content: 100 % 950 ⁹ / _I | VOC content: 100 % | yes |
| 15.1 | | VOC content: 950 ^g / _l | yes |
| 15.1 | | National inventories: change in the listing (table) | yes |
| 15.2 | Chemical Safety Assessment: No Chemical Safety Assessment has been car- ried out for this substance. | Chemical safety assessment: According to REACH, Article 14 (1) a chemical safety assessment has been carried out for this substance or components of this mixture when the substance has been registered in quantities of 10 tonnes or more per year per registrant. | yes |

Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations | |
|------------|---|--|
| 2000/39/EC | Commission Directive establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC | |
| ADR | Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road) | |
| CAP. 424 | Occupational Health and Safety Authority Act (CAP. 424) | |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) | |
| Ceiling-C | Ceiling value | |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures | |
| DGR | Dangerous Goods Regulations (see IATA/DGR) | |
| DNEL | Derived No-Effect Level | |
| EC No | The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union) | |
| ED | Endocrine disruptor | |
| EINECS | European Inventory of Existing Commercial Chemical Substances | |
| ELINCS | European List of Notified Chemical Substances | |
| ErC50 | ≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control | |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations | |
| IATA | International Air Transport Association | |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) | |

Malta (en) Page 13 / 14

according to Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU



Dipropylene glycol monomethyl ether ≥98 %, pure

article number: 7656

| Abbr. | Descriptions of used abbreviations |
|-------|---|
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods Code |
| IOELV | Indicative occupational exposure limit value |
| LC50 | Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval |
| LD50 | Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval |
| LEL | Lower explosion limit (LEL) |
| NLP | No-Longer Polymer |
| PBT | Persistent, Bioaccumulative and Toxic |
| PNEC | Predicted No-Effect Concentration |
| ppm | Parts per million |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| STEL | Short-term exposure limit |
| SVHC | Substance of Very High Concern |
| TWA | Time-weighted average |
| UEL | Upper explosion limit (UEL) |
| VOC | Volatile Organic Compounds |
| vPvB | Very Persistent and very Bioaccumulative |

Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Malta (en) Page 14 / 14